

**LAS VIRGENES - TRIUNFO
JOINT POWERS AUTHORITY
AGENDA**

CLOSING TIME FOR AGENDA IS 8:30 A.M. ON THE TUESDAY PRECEDING THE MEETING. GOVERNMENT CODE SECTION 54954.2 PROHIBITS TAKING ACTION ON ITEMS NOT ON POSTED AGENDA UNLESS AN EMERGENCY, AS DEFINED IN GOVERNMENT CODE SECTION 54956.5 EXISTS OR UNLESS OTHER REQUIREMENTS OF GOVERNMENT CODE SECTION 54954.2(B) ARE MET.

5:00 PM

April 7, 2014

PLEDGE OF ALLEGIANCE

1. CALL TO ORDER AND ROLL CALL

- A** The meeting was called to order at _____ p.m. by _____ in the Las Virgenes Municipal Water District Headquarters and the Clerk of the Board called the roll.

<u>Las Virgenes Municipal Water District</u>	<u>Present</u>	<u>Left</u>	<u>Absent</u>
Charles Caspary, Chair	_____	_____	_____
Glen Peterson	_____	_____	_____
Leonard Polan	_____	_____	_____
Lee Renger	_____	_____	_____
Barry Steinhardt	_____	_____	_____
<u>Triunfo Sanitation District</u>			
Steven Iceland, Vice Chair	_____	_____	_____
Michael McReynolds	_____	_____	_____
Janna Orkney	_____	_____	_____
Michael Paule	_____	_____	_____
James Wall	_____	_____	_____

2. APPROVAL OF AGENDA

- A** Moved by _____, seconded by _____, that the agenda for the Regular Meeting of April 7, 2014, be approved as presented/amended.

3. PUBLIC COMMENTS

Members of the public may now address the Board of Directors **ON MATTERS NOT APPEARING ON THE AGENDA**, but within the jurisdiction of the Board. No action shall be taken on any matter not appearing on the agenda unless authorized by Subdivision (b) of Government Code Section 54954.2

4. CONSENT CALENDAR

A Minutes: Regular Meeting of March 3, 2014. Approve

5. ACTION ITEMS

A Recycled Water Seasonal Storage Project: Guiding Principles and Request for Proposals

Approve the Guiding Principles for the Recycled Water Seasonal Storage Project and authorize the Administering Agent/General Manager to issue a Request for Proposals for the development of a “road map” and schedule for the next steps to advance the project.

B JPA Infrastructure Investment Plan: Fiscal Year 2014-15 through 2017-18

Receive and file the JPA Infrastructure Investment Plan for Fiscal Years 2014-15 through 2017-18 (JPA Report No. 2559.00).

6. BOARD COMMENTS

7. ADMINISTERING AGENT/GENERAL MANAGER REPORT

8. FUTURE AGENDA ITEMS

9. INFORMATION ITEMS

A Methodology for Depreciation of JPA Fixed and Capital Assets

B Board Meeting Follow-up Items

10. PUBLIC COMMENTS

Members of the public may now address the Board of Directors **ON MATTERS NOT APPEARING ON THE AGENDA**, but within the jurisdiction of the Board. No action shall be taken on any matter not appearing on the agenda unless authorized by Subdivision (b) of Government Code Section 54954.2

11. CLOSED SESSION

A Conference with District Counsel – Existing Litigation (Government Code Section 54956.9(a)):

1. Las Virgenes Municipal Water District vs. Onsite Power Systems, Inc.
2. Las Virgenes - Triunfo Joint Powers Authority v. United States Environmental Protection Agency
3. Heal the Bay, Inc. v. Lisa P. Jackson

12. ADJOURNMENT

**LAS VIRGENES - TRIUNFO
JOINT POWERS AUTHORITY
MINUTES**

5:00 PM

March 3, 2014

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the Flag was led by Chair Charles Caspary.

1. CALL TO ORDER AND ROLL CALL**A** Call to order and roll call

The meeting was called to order at 5:00 p.m. by Chair Caspary in the Oak Park Library. Secretary of the Board, Joanne Bodenhamer called the roll. Those answering present were Directors Caspary, Iceland, McReynolds, Orkney, Paule, Peterson, Polan, Renger, Steinhardt and Wall.

2. APPROVAL OF AGENDA**A** Approval of agenda

On a motion by Director Michael Paule, seconded by Director Steven Iceland, the Board of Directors voted 10-0 to Approve the agenda for the JPA Meeting of March 3, 2014, as presented.

AYES: Director(s) Caspary , Iceland , McReynolds , Orkney , Paule , Peterson , Polan , Renger , Steinhardt , Wall

3. PUBLIC COMMENTS

Members of the public may now address the Board of Directors **ON MATTERS NOT APPEARING ON THE AGENDA**, but within the jurisdiction of the Board. No action shall be taken on any matter not appearing on the agenda unless authorized by Subdivision (b) of Government Code Section 54954.2

No speaker cards were received from the public.

4. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS**A** **JPA Budget Workshop for Fiscal Year 2014-15**

Administering Agent/General Manager Pedersen gave an overview of the content for the Budget Workshop; Interim Director of Finance and Administration, Joseph Lillio stated that there were no concrete numbers yet discussed the trends affecting the budget; the Board decided to use 90% of projected current year wholesale recycled water demands for budgetary purposes in FY 2014-15, which comes to 6,163 AF, this year only instead of the past practice of using a 3-year average.

ITEM 4A

Financial Analyst, Mike Hamilton reviewed an Allocation of Joint Powers Expenses to Participants document and noted that column A was sewer expenses based on the total cost of construction; column B was reserved capacity rights; column C was participants' flow from each of the agencies; column D was the cost shared equally which represents the audit cost and column E was the revenues on the reserve funds.

Extensive discussion took place on the item. Several questions were asked including: what about depreciation that wasn't captured prior to the JPA Board adding the line item to the computation? What about including components for both depreciation and capital expense? Over how many years are the JPA key assets depreciated? Why not consider the value of recycled water instead of its costs and consider changing the JPA agreement, if necessary? Mike Hamilton responded to the questions.

A question arose on who is the JPA's attorney. It was determined that both Legal Counsel Matthews and Lemieux are involved in JPA matters but that Lemieux is the JPA's attorney as he is the one who files for the JPA.

Director Orkney requested a future agenda item on the topic of depreciation to include choices with past depreciation, combining depreciation and capital and revising the useful life of assets.

Interim Director of Finance and Administration, Lillio advised that the JPA can choose the life of an asset but cannot expense out an asset; that will not meet government accounting guidelines; industry standards need to be used. Director Orkney requested to see the standards at the next meeting.

Calleguas General Manager, Susan Mulligan spoke and stated that CMWD is doing a cost of service study for its recycled water operations.

B Sanitation and Recycled Water Master Plan Updates: Preliminary Review

Administering Agent/General Manager Pedersen gave an overview of the item and asked Director of Facilities & Operations, David Lippman to give an update and review the preliminary results of the Master Plan effort.

Roger Null from Kennedy/Jenks Consultants spoke on the Master Plan goals, updates and purpose and then turned it over to Mike Joyce from Kennedy/Jenks.

Mr. Joyce presented the Sanitation Master Plan update which included a discussion of wastewater flows vs. Tapia capacity; process evaluation findings at Tapia; process evaluation findings at Rancho and a proposed CIP total project cost of \$19.7 million.

Discussion took place on the item and questions were answered.

Dan Ellison from HDR presented on the 2014 Recycled Water Master Plan, which included: scope of 2014 RWMP update; the existing system is already ambitious; RW sales have been flat since 2000; supply and demand selling 100% of RW; future pipeline extensions map; Thousand Oaks Blvd. extension; Oak Park HOA conversions; Lake Sherwood pipeline future customers; Conejo Creek Park extension and the alternative Decker Canyon extension.

Discussion on the item took place and questions were answered. Discussion also took place regarding Malibu Golf Course.

Mr. Ellison continued his presentation, which included: Decker Canyon extension; Hidden Hills extension; Pierce College extension; how the model compared to the results of the system; modeling results of Oak Park Tank, Indian Hills Tank and Lake Sherwood System; hydraulic analysis; cost analysis for Cal Water, Oak Park, LVMWD and LADWP; and other possible projects.

Director Orkney requested to add the parks and school yards to the list of recycled water projects.

Discussion took place and questions were answered.

Director Caspary requested that staff report back with more information on the analysis for the economic feasibility figure. Director Peterson asked that staff look more closely at the 1,500 AF/Y figure for the Seasonal Storage Reservoir and the \$/AF/Y because it looks so high.

Convened to break at 7:22 p.m.

Reconvened at 7:27 p.m.

C JPA Infrastructure Investment Plan: Fiscal Year 2014-15 through 2017-18

Receive and file the draft JPA Infrastructure Investment Plan for Fiscal Years 2014-15 through 2017-18, and provide staff with feedback for incorporation in a final version of the document.

Administering Agent/General Manager Pedersen gave an overview of the item and then turned it over to Director of Facilities & Operations, David Lippman who presented on the assumptions, priorities, cost programmed for IIP, example IIP sheet, recycled water projects and sanitation projects.

Discussion took place and questions were answered.

Water Reclamation Manager, Brett Dingman spoke and passed around a Gore pamphlet and explained the Gore (Gortex) process. Mr. Dingman satisfied any questions.

5. CONSENT CALENDAR

A Minutes: Regular Meeting of February 3, 2014. Approve

On a motion by Director Steven Iceland, seconded by Director Lee Renger, the Board of Directors voted 10-0 to Approve the Consent Calendar as presented.

AYES: Director(s) Caspary , Iceland , McReynolds , Orkney , Paule , Peterson , Polan , Renger , Steinhardt , Wall

6. ACTION ITEMS

A Rancho Las Virgenes Third Digester Construction: Change Order No. 4

Authorize the General Manager/Administering Agent to approve Change Order No. 4 with Pacific Hydrotech Corporation in the amount of \$173,097.69, including extension of the contract duration by 28 calendar days for the Rancho Las Virgenes Third Digester Project; and appropriate additional funds in the amount of \$352,491 to CIP Job No. 10487.

Administering Agent/General Manager Pedersen reported the work is going well. The change order includes 11 different items and involves a contract duration extension of 28 days.

ITEM 4A

Principal Engineer, John Zhao spoke and advised that staff is working with the contractor. Mr. Zhao satisfied all questions.

Mr. Lippman advised that the price was competitive for the change order. Bill Yates from Kennedy/Jenks spoke regarding a question about other possible anticipated change orders for the future.

Discussion took place and questions were answered.

On a motion by Director Lee Renger, seconded by Director Michael McReynolds, the Board of Directors voted 10-0 to as presented.

AYES: Director(s) Caspary , Iceland , McReynolds , Orkney , Paule , Peterson , Polan , Renger , Steinhardt , Wall

B Solar Generation Project: Application of Energy Savings

Consider three options for the application of energy cost-savings realized as a result of the operation of the Solar Generation Project and select the preferred methodology.

Administering Agent/General Manager Pedersen gave an update on the item stating it relates to wholesale recycled water rates; three options were proposed to consider and option (1) would be contingent upon CMWD's Board agreement to utilize savings accrued from lower cost of wholesale recycled water to expand the recycled water system within TSD's area; option (3) was investigated further; option (1) is to apply savings from the solar facility to the pump station; option (2) is a hybrid option; option (3) is to apply solar savings to the JPA's sanitation enterprise.

Discussion took place and questions were answered.

Calleugas General Manager, Susan Mulligan stated that they will not make an issue of what is decided, as long as it is fair for all.

Directors Iceland and McReynolds preferred option (3).

On a motion by Director Michael Paule, seconded by Director Charles Caspary, the Board of Directors voted 7-3 to select option (1) as presented.

AYES: Director(s) Caspary , Orkney , Paule , Peterson , Polan , Renger , Wall

NOES: Director(s) Iceland , McReynolds , Steinhardt

C Heal the Bay's "Bring Back the Beach" Event: Attendance

Determine whether or not to participate in Heal the Bay's "Bringing Back the Beach" event, and, if participation is approved, authorize the Chair of each agency and the General Manager/Administering Agent to attend the event at a cost of \$500.00 per person.

Discussion took place on the item.

Attendance was approved for Administering Agent/General Manager Pedersen and Directors Caspary and McReynolds.

On a motion by Director Glen Peterson, seconded by Director Janna Orkney, the Board of Directors voted 9-0 -1 to

AYES: Director(s) Caspary , Iceland , McReynolds , Orkney , Paule , Peterson , Polan , Renger , Wall

ABSTAIN: Director(s) Steinhardt

7. **BOARD COMMENTS**

Director Steinhardt spoke on the March 7th ACWA Water Bond Briefing.

8. **ADMINISTERING AGENT/GENERAL MANAGER REPORT**

Administering Agent/General Manager Pedersen reported that Tapia received 5.73 inches of rain with a 16.8 MGD peak flow.

It was announced that Director of Finance and Administration, Donald Patterson would be starting on March 10th.

9. **FUTURE AGENDA ITEMS**

No future agenda items were discussed.

10. **INFORMATION ITEMS**

A Board Meeting Follow-up Items

B Information on Plastic Microbeads

Director Polan made a motion to be proactive in regards to the microbeads issue; Director Steinhardt seconded the motion.

Director Polan requested that the Board make a policy statement on microbeads, Chair Caspary requested that Director Polan provide Administering Agent/General Manager Pedersen with the suggested language for future consideration by the Board.

Director Renger asked if tests were done to check the influent and effluent flows for microbeads; Mr. Dingman responded that no microbeads have been seen from the tests.

C Recycled Water Incentive Program

11. **PUBLIC COMMENTS**

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No speaker cards were received from the public.

12. **CLOSED SESSION**

Closed session did not take place as there was no new information to report.

A Conference with District Counsel – Existing Litigation (Government Code Section 54956.9(a)):

1. Las Virgenes Municipal Water District vs. Onsite Power Systems, Inc.
2. Las Virgenes - Triunfo Joint Powers Authority v. United States Environmental Protection Agency
3. Heal the Bay, Inc. v. Lisa P. Jackson

13. **ADJOURNMENT**

The meeting was adjourned at 8:31 p.m.

ITEM 4A

Charles Caspary, Chair

ATTEST:

Steven Iceland, Vice Chair

April 7, 2014 JPA Board Meeting

TO: JPA Board of Directors

FROM: Facilities & Operations

Subject: Recycled Water Seasonal Storage Project: Guiding Principles and Request for Proposals

SUMMARY:

With the completion of the Recycled Water Seasonal Storage Feasibility Study in June 2012, it is time to consider the next steps to advance the project. These steps include: mapping out the many permits that will be needed, identifying stakeholders, identifying sources of matching funds and/or financing opportunities, developing strategies for land acquisition and conducting “on the ground” site investigations. A project of this magnitude is very complex and having a clear “road map” and schedule for the next steps will be invaluable to the Board and staff. The complexity of the work warrants the assistance of a consultant to develop the road map and schedule.

Additionally, the JPA Board requested that guiding principles for the project be prepared and approved by the JPA Board prior to moving forward with the work. The guiding principles will provide direction and establish boundaries for the project. Attached are suggested guiding principles with a focus on maximizing beneficial reuse, seeking cost-effective solutions, establishing partnerships beyond the JPA, governing with a partnership, and engaging in forward thinking.

RECOMMENDATION(S):

Approve the Guiding Principles for the Recycled Water Seasonal Storage Project and authorize the Administering Agent/General Manager to issue a Request for Proposals for the development of a “road map” and schedule for the next steps to advance the project.

FINANCIAL IMPACT:

There is no financial impact from this action.

DISCUSSION:

The JPA first started developing the recycled water system in the 1970s. Since the initial installation of the Las Virgenes Valley system, it has grown to provide recycled water service in both Los Angeles and Ventura counties. Of the 10,000 acre-feet (AF) of recycled water produced annually at Tapia, approximately 60% or 6,000 AF is beneficially reused. Approximately 4,500 AF is used in Las Virgenes Municipal Water District's service area, accounting for 17% of the total annual water demands. Approximately 1,500 AF is delivered to Triunfo Sanitation District with 828 AF used in the Oak Park Water Service's service area, accounting for 26% of the total annual demands^[1]. The remaining 4,000 AF is disposed of either by discharge to Malibu Creek and/or the Los Angeles River or sprayfield disposal at Rancho. By the year 2035, flows are estimated to increase to 12 million-gallons-per-day at Tapia. If there is little or only modest growth in recycled water demands, the volume of recycled water disposal will increase to 7,500 AF/Y.

Seasonal storage of recycled water has been considered in many planning documents, beginning with the 1973 Recycled Water Master Plan. In the simplest terms, the concept is to store excess recycled water produced in the winter for use in summer, when recycled water demands are highest and exceed production. This requires not only seasonal storage but also increased demands. Seasonal storage has little or no value unless it is matched with demands that empty the reservoir in the summer to make available space for storage of winter excess. This concept will significantly reduce the need to discharge but cannot completely eliminate discharges because of high flows into Tapia during rain events and a shrinking market for traditional “purple pipe” recycled water customers. However, non-traditional uses for recycled water, such as residential use or the emerging concept of indirect or direct potable reuse, may expand the potential for seasonal storage and corresponding demands.

ITEM 5A

With the completion of the Recycled Water Seasonal Storage Feasibility Study in June 2012, it is time to consider next steps to advance the project. These steps include: mapping out the many permits that will be needed, identifying stakeholders, identifying sources of matching funds or financing opportunities, developing strategies for land acquisition and conducting “on the ground” site investigations. A project of this magnitude is very complex and having a clear “road map” and schedule for the next steps would be invaluable to the Board and staff. The complexity of the work warrants the assistance of a consultant to develop the road map and schedule. The scope of work would include identifying the appropriate next steps and key stakeholders. The interrelationship and potential timing of the steps would also be established. It is envisioned that developing the road map and schedule would be an interactive process with the Board, soliciting comments and suggestions during the process.

Additionally, the JPA Board requested that guiding principles for the project be prepared and approved by the JPA Board prior to moving forward with the work. The guiding principles will provide direction and establish boundaries for the project. Staff has prepared suggested guiding principles with a focus on maximizing beneficial reuse, seeking cost-effective solutions, establishing partnerships beyond the JPA, governing with a partnership, and engaging in forward thinking.

[1] Triunfo Sanitation District/Oak Park Water Service 2010 UWMP, table 3.1.1

Prepared By: David R. Lippman, Director of Facilities & Operations

ATTACHMENTS:

[Recycled Water Seasonal Storage Project Guiding Principles](#)

Recycled Water Seasonal Storage Project Guiding Principles**1. Maximize Beneficial Reuse by:**

- 1.1. Being an environmental steward
- 1.2. Offsetting existing potable water use
- 1.3. Reducing discharge to Malibu Creek and Los Angeles River
- 1.4. Providing regional benefits
- 1.5. Creating water supply reliability

2. Seek Cost Effective Solutions by:

- 2.1. Seeking funding from grants, matching funds and partnerships
- 2.2. Each partner sharing in outside funding
- 2.3. Each partner funding their share

3. Seek Partnerships beyond the JPA by:

- 3.1. Considering multiple uses such as;
 - 3.1.1. Recreation
 - 3.1.2. Education
 - 3.1.3. Creation of open space
- 3.2. Engaging stakeholders early and often

4. Govern with a Partnership by:

- 4.1. Using the JPA Agreement as a guiding document
- 4.2. Communicating openly and frequently
- 4.3. Being committed to the project

5. Be Forward Thinking by considering the possibilities of:

- 5.1. Expanding beyond the JPA service area
- 5.2. Residential reuse
- 5.3. Indirect potable reuse
- 5.4. Direct potable reuse

April 7, 2014 JPA Board Meeting

TO: JPA Board of Directors

FROM: Facilities & Operations

Subject: JPA Infrastructure Investment Plan: Fiscal Year 2014-15 through 2017-18

SUMMARY:

The JPA Infrastructure Investment Plan (IIP) for Fiscal Years 2014-15 through 2017-18 is a planning document that outlines various projects needed to expand, rehabilitate or replace JPA assets. The IIP is based on facility master plans, specific project plans, regulatory requirements and infrastructure condition assessments.

On March 3, 2014, staff presented a draft IIP to the JPA Board and received comments, which have been incorporated. The net change is total program costs from the draft to proposed IIP is \$11,344,950. The increases and decreases to total program costs are summarized below.

RECOMMENDATION(S):

Receive and file the JPA Infrastructure Investment Plan for Fiscal Years 2014-15 through 2017-18 (JPA Report No. 2559.00).

FINANCIAL IMPACT:

This action does not have a financial impact.

DISCUSSION:**Summary of Increases and Decreases to Total Program Costs:**

- Project 10474: Woodland Hills Golf Course RW Pipeline Extension - Increased to identify total estimated construction costs (\$11,715,000 increase).
- Project 80013: Western RWPS Expansion - Removed (\$508,800 reduction).
- Project 80720: Manhole Rehabilitation, F2/F3 Line - Spread out over multiple years (no change to total project cost).
- Project 99954: Tapia Equipment Replacement - New project (\$58,250 increase).
- Project 99956: Tapia Balancing Pond Sealant Replacement - New project (\$80,500 increase).

As described on Pages 3-4 of the IIP, the JPA will be reimbursed for all costs related to Project 10474.

Prepared By: Doug Anders, Administrative Services Coordinator

ATTACHMENTS:

[JPA Infrastructure Investment Plan](#)

LVMWD Report #2559.00

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LOS ANGELES COUNTY, CALIFORNIA

JPA INFRASTRUCTURE INVESTMENT PLAN

FISCAL YEAR 2014/15 – FISCAL YEAR 2017/18

Report Inside Front Cover

Table of Contents

Summary Information -----	Section 1
Overview	
Infrastructure Investment Costs	
Infrastructure Investment Cost Sharing	
Expenditures by Priority	
Expenditures by Location	
Detail Reports -----	Section 2
Projects by Priority	
Projects by Location	
Detail Project Worksheets -----	Section 3
Appendices -----	Section 4
Planning Guidelines for Project Cost	
Priority and Justification Criteria	
Roles and Responsibilities for Project Managers	

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Section 1

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Las Virgenes - Triunfo Joint Powers Authority
Infrastructure Investment Plan
For the Period of FY 2014/15 - FY 2017/18

Overview

The Capital Improvements Plan or Infrastructure Investment Plan (Plan) is a planning document used to identify, prioritize and establish baseline expenditures for facility improvements or replacement projects which ensure the Las Virgenes - Triunfo Joint Powers Authority can consistently meet the needs of the public, both for now and into the future.

This Plan typically covers a five (5) year planning horizon, however due to the Plan development coinciding with the development of the Sanitation and Recycled Water Master planning documents, a four (4) year Plan is being proposed in anticipation of the results of those documents. Following completion of the master planning documents, it is anticipated that the Plan will return to a five year planning document with the refreshed information - starting with the development of the FY 2015/16 Plan.

The information provided in this Plan is intended to inform the reader of current and proposed capital improvement projects, their status and potential costs. Reports are included that sort projects and costs by project priority and by project location. Detailed project descriptions, sorted in numerical order, are found in Section 3.

The Infrastructure Investment Plan has been prepared and reviewed by staff to identify the candidate projects for future funding consideration and accomplishment. The Plan incorporates facility needs identified by a number of sources. These include: integration of new facility improvements identified in master planning documents; implementation of actions recommended in major studies; the facilities or programs necessary to meet regulatory compliance requirements; and, maintenance, repair, or replacement of component systems to continue normal operations.

The Plan places the prospective projects into various program years to organize them over the four-year period. Because of the complexity of facility planning, either deferral or speeding up of projects may occur. These changes are dealt with in the Annual Budget and are amended in the next year's Plan. Receipt of the Infrastructure Investment Plan by the JPA Board of Directors is recognized as one of the key planning steps necessary to formulate an overall Financial Plan and Budget for the JPA.

Assumptions

The Las Virgenes - Triunfo Joint Powers Authority faces many important policy issues that may have a significant effect on the Infrastructure Investment Plan ("Plan") programs and projects. These issues include:

- Sanitation and Recycled Water System Master Plans are being revised and are expected to be completed by June, 2014. Projects included in this Plan and out-year projects will be evaluated relative the new master planning work. Projects included in this Plan and additional projects may be modified/added to the Plan based on the master plan update effort.
- Projects related to proposed regulatory standards for Malibu Creek and their impact to the Tapia Water Reclamation Facility ("Tapia") are not forecast in this plan, but will be included in future updates based on the standards adopted and the associated implementation schedules.
- Construction of the third digester at the Rancho Las Virgenes Compost Facility will be completed in fiscal year 2013-14.
- Development of a Recycled Water Storage Study (now a JPA project) is proposed to further clarify options for recycled water storage identified in previous studies.

Summary

This year's Plan follows the previous trend on placing emphasis on "replacement-funded" projects for Recycled Water and Sanitation facilities. The proposed expenditures reflect the replacement of maturing district infrastructure and the need to replace, upgrade or refurbish existing systems to continue to provide high quality, reliable service. Exceptions to this trend are the pro-rata portions of projects that are attributed to new development or new users that include associated connection fee funding.

Major projects and programs outlined in this Plan are summarized below.

Recycled Water System

- Recycled Water Storage Study (10393)
- Rehabilitation of 18" recycled water pipeline between Tapia and Mulholland Highway (10418).

Recycled Water (RW) System (continued)

- Installation of a 16 inch pipeline from the intersection of Park Granada and Park Capri (Calabasas) to the Los Angeles city boundary and extending to the Woodland Hills Country Club (10474).
- Improvements to Reservoir #2 (10522)
- Construct 5,000 feet of recycled water main extension along Agoura Road (10536).
- Relocate existing 10" recycled water pipeline in the Lost Hills overpass (10540).

Tapia Water Reclamation Facility

- Concrete repair and installation of protective coating in primary tanks (10512).
- Replace existing sluice gates in tanks as well as drive mechanisms for flights and chains (10513).
- Replace the channel mixing air system with new air piping and diffusers (10538).
- Construct a centrate equalization tank at the centrate treatment facility (99932).
- Tapia balancing pond sealant (99956).

Rancho Las Virgenes

- Clean out and evaluate the condition of existing digester #1 and #2 (99934).
- Construct cathodic protection system for centrate treatment and storage tanks (10544).
- Clean minerals from the existing centrate line (80742).
- Purchase a new loader to move amendment and compost (99942).
- General facility improvements at Rancho (99947).

Sewers and Lift Stations

- Initiate F2/F3 sewer rehabilitation work (80720).
- Design a Sewer Grit Handling removal system (99946)

Administrative Programs

- SCADA System Communication upgrades (10520).

Infrastructure Investment Plan
Fiscal Year 2014-15 -- Fiscal Year 2017-18

Expenditures by Fund

	FY15	FY16	FY17	FY18	4-Year Total
Sanitation Construction	\$60,000	\$0	\$321,240	\$469,360	\$850,600
Sanitation Replacement	\$3,796,239	\$3,637,287	\$3,331,845	\$3,034,690	\$13,800,061
RW Conservation	\$400,000	\$610,000	\$15,000	\$11,415,000	\$12,440,000
RW Replacement	\$2,550,700	\$736,000	\$67,500	\$0	\$3,354,200
Total Costs	\$6,806,939	\$4,983,287	\$3,735,585	\$14,919,050	\$30,444,861

Infrastructure Investment Plan
Fiscal Year 2014/15 - Fiscal Year 2017/18

Las Virgenes - Triunfo Joint Powers Authority Cost Sharing

	FY15	FY16	FY17	FY18	4-Year Total
Sanitation Construction	\$42,360	\$0	\$226,795	\$331,368	\$600,524
Sanitation Replacement	\$2,675,570	\$2,479,017	\$2,290,368	\$2,080,271	\$9,525,226
RW Conservation	\$282,400	\$430,660	\$10,590	\$8,058,990	\$8,782,640
RW Replacement	\$1,803,326	\$522,272	\$47,655	\$0	\$2,373,253
LVMWD Share	\$4,803,656	\$3,431,949	\$2,575,408	\$10,470,629	\$21,281,642
	FY15	FY16	FY17	FY18	4-Year Total
Sanitation Construction	\$17,640	\$0	\$94,445	\$137,992	\$206,529
Sanitation Replacement	\$1,120,669	\$1,158,270	\$1,041,477	\$954,419	\$4,274,835
RW Conservation	\$117,600	\$179,340	\$4,410	\$3,356,010	\$3,657,360
RW Replacement	\$747,374	\$213,728	\$19,845	\$0	\$980,947
TSD Share	\$2,003,283	\$1,551,338	\$1,160,177	\$4,448,421	\$9,163,219
TOTAL COSTS	\$6,806,939	\$4,983,287	\$3,735,585	\$14,919,050	\$30,444,861

Infrastructure Investment Plan
Fiscal Year 2014/15 - Fiscal Year 2017/18

Expenditures by Location

	FY15	FY16	FY17	FY18	Four-year total
ADMINISTRATIVE	\$33,849	\$56,137	\$38,285		\$128,271
PROGRAMS	\$5,000	\$20,000	\$15,000		\$40,000
RANCHO/FARM	\$933,890	\$41,300	\$1,045,000	\$1,296,000	\$3,316,190
RECYCLED WATER	\$2,986,200	\$1,274,000	\$15,000	\$11,415,000	\$15,690,200
SEWER/LIFT STATIONS	\$65,000	\$291,500	\$203,000	\$204,000	\$763,500
TAPIA	\$2,783,000	\$3,300,350	\$2,419,300	\$2,004,050	\$10,506,700
TOTAL ALL PROJECTS	\$6,806,939	\$4,983,287	\$3,735,585	\$14,919,050	\$30,444,861

Infrastructure Investment Plan
Fiscal Year 2014/15 - Fiscal Year 2017/18

Expenditures by Priority

	FY15	FY16	FY17	FY18	Four-year total
Priority 1	\$1,984,750	\$741,500	\$0		\$2,726,250
Priority 2	\$4,034,489	\$3,667,637	\$1,026,885	\$12,572,250	\$21,301,261
Priority 3	\$787,700	\$574,150	\$2,708,700	\$2,346,800	\$6,417,350
TOTAL ALL PROJECTS	\$6,806,939	\$4,983,287	\$3,735,585	\$14,919,050	\$30,444,861

Priority 1: Essential project. Required by law or regulation; by disaster response; or by emergency or hazardous situation.

Priority 2: Necessary project. Required to maintain service reliability; safety; cost related efficiency or matching funds; water quality; current demand.

Priority 3: Desirable or Routine Project. Routine improvement; no direct cost benefit; cosmetic; or future demand.

Section 2

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Infrastructure Investment Plan
Fiscal Year 204/15 - Fiscal Year 2017/18

Projects by Priority

Priority	Project Number	Title	FY15	FY16	FY17	FY18	Four-year total
1	10522	Reservoir #2 Improvements (Lining Cover)	1,565,000				1,565,000
1	99927	Tapia Structural Repairs	46,500				46,500
1	99928	Tapia Primary Flow Diversion		454,000			454,000
1	99934	Rancho Las Virgenes Digester Cleaning and	287,500	287,500			575,000
1	99935	Tapia Alternative Disinfection Safety	85,750				85,750
SUB-TOTAL PRIORITY 1			\$1,984,750	\$741,500			\$2,726,250
2	10393	Recycled Water Storage Study	300,000				300,000
2	10474	Woodland Hills Golf Course RW Pipeline	310,000	610,000	15,000	11,415,000	12,350,000
2	10487	Construct 3rd Digester at Rancho					
2	10512	Tapia: Primary Tank Rehabilitation	323,000	323,000	323,000	323,000	1,292,000
2	10513	Tapia Sluice Gate and Drive Replacement	175,000	175,000	175,000		525,000
2	10515	Sanitation Master Plan Update					
2	10516	Recycled Water Master Plan					
2	10520	SCADA System Communication Upgrades	33,849	56,137	38,285		128,271
2	10534	Rancho Solar Project	-20,000				-20,000
2	10536	Agoura Road Recycled Water Main -	320,000	664,000			984,000
2	10537	Raw Sludge Wet Well Mixing Improvements	100,000				100,000
2	10538	Tapia Channel Mixing Improvements	410,000				410,000
2	10540	Lost Hill Overpass Recycled Water Main	313,000				313,000
2	10544	Centrate Tank Cathodic Protection (CP)	125,000				125,000
2	10549	Rancho Las Virgenes Compost Facility	14,000				14,000
2	10551	Centrate System - New Pump Impellers	35,000				35,000
2	80720	Manhole Rehabilitation, F2/F3 Line	15,000	291,500	203,000	204,000	713,500
2	80742	Rancho: Rehabilitate Existing Centrate Line	175,390				175,390
2	99901	NPDES Permit Renewal	25,000				25,000
2	99926	Rancho Las Virgenes Sludge Thickening				600,000	600,000
2	99929	Tapia Supplemental Carbon Study	85,000				85,000
2	99932	Centrate Equalization Tank	890,000				890,000
2	99933	Tapia BNR Improvements		1,442,000			1,442,000
2	99936	Programmable Logic Controller Upgrades	216,500	106,000	272,600	30,250	625,350
2	99946	Sewer Grit Handling	50,000				50,000
2	99954	Tapia Equipment Replacement	58,250				58,250
2	99956	Tapia Balancing Pond Sealant Replacement	80,500				80,500

ITEM 5B

Infrastructure Investment Plan
Fiscal Year 204/15 - Fiscal Year 2017/18

Projects by Priority

Priority	Project Number	Title	FY15	FY16	FY17	FY18	Four-year total
		SUB-TOTAL PRIORITY 2	\$4,034,489	\$3,667,637	\$1,026,885	\$12,572,250	\$21,301,261
3	10418	Rehabilitation of 18" RW Pipe	178,200				178,200
3	10446	Buffer Land at Rancho	250,000				250,000
3	10493	Tapia Sludge Screening		442,350			442,350
3	80748	Rancho: Replace Agitators			1,020,000		1,020,000
3	99910	Process Air Improvements			1,581,200	1,650,800	3,232,000
3	99911	Rancho Las Virgenes: FOG Receiving			25,000	696,000	721,000
3	99930	Rancho Las Virgenes Aerated Static Pile Pilot		39,800			39,800
3	99942	Rancho Las Virgenes Composting Facility:	180,000				180,000
3	99947	Rancho Facility Improvements	174,500	1,500			176,000
3	99950	Tapia Electrical and Instrumentation		70,500	67,500		138,000
3	99953	Security Upgrades - JPA	5,000	20,000	15,000		40,000
		SUB-TOTAL PRIORITY 3	\$787,700	\$574,150	\$2,708,700	\$2,346,800	\$6,417,350
TOTAL ALL PROJECTS			\$6,806,939	\$4,983,287	\$3,735,585	\$14,919,050	\$30,444,861

ITEM 5B

Infrastructure Investment Plan
Fiscal Year 2014/15 - Fiscal Year 2017/18

Projects by Location

Project Number	Title	FY15	FY16	FY17	FY18	Four-year total
ADMINISTRATIVE						
10515	Sanitation Master Plan Update	0	0	0		0
10516	Recycled Water Master Plan	0	0	0		0
10520	SCADA System Communication	33,849	56,137	38,285		128,271
	SUB-TOTAL ADMINISTRATIVE	\$33,849	\$56,137	\$38,285		\$128,271
PROGRAMS						
99953	Security Upgrades - JPA	5,000	20,000	15,000		40,000
	SUB-TOTAL PROGRAMS	\$5,000	\$20,000	\$15,000		\$40,000
RANCHO/FARM						
10446	Buffer Land at Rancho	250,000	0	0		250,000
10487	Construct 3rd Digester at Rancho	0	0	0		0
10534	Rancho Solar Project	-20,000	0	0		-20,000
10544	Centrate Tank Cathodic Protection (CP)	125,000				125,000
10549	Rancho Las Virgenes Compost Facility	14,000	0	0		14,000
10551	Centrate System - New Pump Impellers	35,000	0	0		35,000
80742	Rancho: Rehabilitate Existing Centrate	175,390	0	0		175,390
80748	Rancho: Replace Agitators	0	0	1,020,000		1,020,000
99911	Rancho Las Virgenes: FOG Receiving	0	0	25,000	696,000	721,000
99926	Rancho Las Virgenes Sludge Thickening				600,000	600,000
99930	Rancho Las Virgenes Aerated Static Pile		39,800			39,800
99942	Rancho Las Virgenes Composting	180,000				180,000
99947	Rancho Facility Improvements	174,500	1,500			176,000
	SUB-TOTAL RANCHO/FARM	\$933,890	\$41,300	\$1,045,000	\$1,296,000	\$3,316,190
RECYCLED WATER						
10393	Recycled Water Storage Study	300,000	0	0		300,000
10418	Rehabilitation of 18" RW Pipe	178,200	0	0		178,200
10474	Woodland Hills Golf Course RW Pipeline	310,000	610,000	15,000	11,415,000	12,350,000
10522	Reservoir #2 Improvements (Lining	1,565,000	0	0		1,565,000
10536	Agoura Road Recycled Water Main -	320,000	664,000			984,000
10540	Lost Hill Overpass Recycled Water Main	313,000	0	0		313,000
	SUB-TOTAL RECYCLED WATER	\$2,986,200	\$1,274,000	\$15,000	\$11,415,000	\$15,690,200

ITEM 5B

Infrastructure Investment Plan
Fiscal Year 2014/15 - Fiscal Year 2017/18

Projects by Location

Project Number	Title	FY15	FY16	FY17	FY18	Four-year total
SEWER/LIFT STATIONS						
80720	Manhole Rehabilitation, F2/F3 Line	15,000	291,500	203,000	204,000	713,500
99946	Sewer Grit Handling	50,000				50,000
	SUB-TOTAL SEWER/LIFT STATIONS	\$65,000	\$291,500	\$203,000	\$204,000	\$763,500
TAPIA						
10493	Tapia Sludge Screening	0	442,350	0	0	442,350
10512	Tapia: Primary Tank Rehabilitation	323,000	323,000	323,000	323,000	1,292,000
10513	Tapia Sluice Gate and Drive	175,000	175,000	175,000	0	525,000
10537	Raw Sludge Wet Well Mixing	100,000	0	0		100,000
10538	Tapia Channel Mixing Improvements	410,000	0	0		410,000
99901	NPDES Permit Renewal	25,000	0	0	0	25,000
99910	Process Air Improvements	0	0	1,581,200	1,650,800	3,232,000
99927	Tapia Structural Repairs	46,500				46,500
99928	Tapia Primary Flow Diversion		454,000			454,000
99929	Tapia Supplemental Carbon Study	85,000				85,000
99932	Centrate Equalization Tank	890,000	0			890,000
99933	Tapia BNR Improvements		1,442,000			1,442,000
99934	Rancho Las Virgenes Digester Cleaning	287,500	287,500	0		575,000
99935	Tapia Alternative Disinfection Safety	85,750				85,750
99936	Programmable Logic Controller	216,500	106,000	272,600	30,250	625,350
99950	Tapia Electrical and Instrumentation	0	70,500	67,500		138,000
99954	Tapia Equipment Replacement	58,250				58,250
99956	Tapia Balancing Pond Sealant	80,500				80,500
	SUB-TOTAL TAPIA	\$2,783,000	\$3,300,350	\$2,419,300	\$2,004,050	\$10,506,700
TOTAL ALL PROJECTS		\$6,806,939	\$4,983,287	\$3,735,585	\$14,919,050	\$30,444,861

ITEM 5B

Section 3

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Recycled Water Storage Study

Job Number: 10393 Project Manager: Zhao FY Originated: FY07-08	Priority: 2 Category: Capacity/Supply Program: No
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Scope of Work

To perform a study for potential recycled water storage area identified in 2006 TEA and 2007 RW Master Plan update and the 2012 recycled water storage feasibility study by RMC. The study would include but not be limited to geological, environmental, CEQA, water quality and any regulatory constraints.

Project Justification

In order to expand the utilization of recycled water within the JPA service area, additional storage capacity is needed and was identified in the 2006 TEA Study and 2007 Master Plan update.

A water recycling facilities planning grant of \$59,050 was received from the state.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees	\$199,906	\$60,050	\$923			\$260,879		
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS	\$199,906	\$60,050	\$923			\$260,879	\$570,715	\$309,836

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$300,000	\$0	\$0		\$300,000	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	\$0	\$0	\$0		\$0	
Bidding	\$0	\$0	\$0		\$0	
Construction	\$0	\$0	\$0		\$0	
District Labor	\$0	\$0	\$0		\$0	
TOTALS	\$300,000	\$0	\$0		\$300,000	\$560,879

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%	20.0%	30.0%		71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
0.0%	50.0%	0.0%		29%

Rehabilitation of 18" RW Pipe (Tapia/Mulholland Highway)

Job Number: 10418 Project Manager: Cao FY Originated: FY03-04	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

Rehabilitation of 18" RW pipe between Tapia and Mulholland Highway due to excessive failure rate. Cost estimate is based on the installation of an active cathodic protection system. The project is divided in three phases: 1) FY12-13; 2) FY13-14; 3) FY14-15.

Project Justification

The 18-inch RW pipe between Tapia and Mulholland Highway has experienced several significant failures due to corrosion. The 18-inch pipe needs to be maintained, because it is needed, along with the proposed 24-inch pipe as a redundant system to handle the current flow rate of 9.3 MGD, with the capability to handle future increased flows.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees		\$1,548	\$20,450			\$21,998		
Contracts/Equipment			\$160,898	\$5,946		\$166,843		
District Labor			\$27,523	\$2,801		\$30,325		
G & A Allocations			\$43,081	\$2,783		\$45,865		
TOTALS		\$1,548	\$251,953	\$11,530		\$265,031	\$235,000	-\$30,031

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$7,250	\$0	\$0		\$7,250	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	\$14,500	\$0	\$0		\$14,500	
Bidding	\$1,450	\$0	\$0		\$1,450	
Construction	\$145,000	\$0	\$0		\$145,000	
District Labor	\$10,000	\$0	\$0		\$10,000	
TOTALS	\$178,200	\$0	\$0		\$178,200	\$443,231

APPROPRIATION REQUEST: \$208,231

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%	0.0%			71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
0.0%	0.0%	100.0%		29%

ITEM 5B

Buffer Land at Rancho

Job Number: 10446 Project Manager: Zhao FY Originated: FY07-08	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

Potential land acquisition of additional buffer land around Rancho.

Project Justification

Prevents encroachment on Rancho operations that would constrain Rancho operations.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS							\$250,000	\$250,000

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0	\$0	\$0	
Land Acquisition	\$250,000	\$0	\$0	\$0	\$250,000	
Design	\$0	\$0	\$0	\$0	\$0	
Bidding	\$0	\$0	\$0	\$0	\$0	
Construction	\$0	\$0	\$0	\$0	\$0	
District Labor	\$0	\$0	\$0	\$0	\$0	
TOTALS	\$250,000	\$0	\$0	\$0	\$250,000	\$250,000

APPROPRIATION REQUEST: \$0

Fund: % of Project Allocated by JPA Partner:

P/W Construction 0.0%	Sanitation Construction 0.0%	RW Conservation 0.0%	LVMWD 71%
P/W Replacement 0.0%	Sanitation Replacement 100.0%	RW Replacement 0.0%	TSD 29%

Woodland Hills Golf Course RW Pipeline Extension

Job Number: 10474 Project Manager: Schlageter FY Originated: FY07-08	Priority: 2 Category: Regulatory Compliance Program: No
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Scope of Work

Installation of a 16 inch pipeline from the intersection of Park Granada and Park Capri (Calabasas) to the Los Angeles city boundary and extending to the Woodland Hills Country Club. The JPA will manage the development of the preliminary design, environmental documentation (with CEQA) and final design and construction of the project. The JPA will be reimbursed for all costs related to this project by the LADWP.

FY 2014-2015 activity includes development of a Preliminary Design Report (PDR) for the project. Construction costs will be finalized once the PDR provides a construction cost estimate.

Project Justification

This project stems from the JPA's desire to provide surplus recycled water customers outside of the JPA service area.

The estimated maximum daily demand outside of the JPA service area 430 gpm.

Project identified in 2007 Master Plan and will be included in the 2013 Master Plan update. Currently in negotiation with the City of LA for an agreement for CEQA / PDR.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees	\$23,638					\$23,638		
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS	\$23,638					\$23,638	\$400,000	\$376,362

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$300,000	\$0	\$0	\$0	\$300,000	
Land Acquisition	\$0	\$0	\$0	\$0	\$0	
Design	\$0	\$600,000	\$0	\$0	\$600,000	
Bidding	\$0	\$0	\$5,000	\$0	\$5,000	
Construction	\$0	\$0	\$0	\$10,800,000	\$10,800,000	
District Labor	\$10,000	\$10,000	\$10,000	\$615,000	\$645,000	
TOTALS	\$310,000	\$610,000	\$15,000	\$11,415,000	\$12,350,000	\$12,373,638

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%	0.0%	100.0%		71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
0.0%	0.0%	0.0%		29%

Construct 3rd Digester at Rancho

Job Number: 10487 Project Manager: Zhao FY Originated: FY07-08	Priority: 2 Category: Capacity/Supply Program: No
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Scope of Work

Construct a third anaerobic digester at the Rancho Composting Facility including heating, mixing and gas collection. Convert the two existing digesters from steam injection heating to hot water heat exchangers.

Project Justification

Meet future demand and provide redundancy to allow maintenance of existing digesters.

Project is expected to be complete in FY 2013-2014.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees		\$241,913	\$260,431			\$502,344		
Contracts/Equipment			\$761,160	\$5,334,305		\$6,095,465		
District Labor		\$13,255	\$36,111	\$41,056		\$90,422		
G & A Allocations		\$20,862	\$60,634	\$72,063		\$153,559		
TOTALS		\$276,031	\$1,118,335	\$5,447,424		\$6,841,790	\$6,841,790	\$0

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0		\$0	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	\$0	\$0	\$0		\$0	
Bidding	\$0	\$0	\$0		\$0	
Construction	\$0	\$0	\$0		\$0	
District Labor	\$0	\$0	\$0		\$0	
TOTALS	\$0	\$0	\$0		\$0	\$6,841,790

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%	20.0%	0.0%		71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
0.0%	80.0%	0.0%		29%

ITEM 5B

Tapia Sludge Screening

Job Number: 10493 Project Manager: Dingman FY Originated: 10-11	Priority: 3 Category: Business Improvements Program: No
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Scope of Work

Install a screener for primary and secondary sludge at Tapia. Includes design, piping modifications and odor control.

Project Justification

Inert particles and hair clog the recirculation pumps and piping at Tapia and Rancho. These solids also cause operational issues. A screener can be incorporated into the process to remove the solids before they become a problem. The solids removed from the process will be landfilled.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment		\$0				\$0		
District Labor								
G & A Allocations								
TOTALS		\$0				\$0	\$385,000	\$385,000

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$5,000	\$0	\$0	\$5,000	
Land Acquisition	\$0	\$0	\$0	\$0	\$0	
Design	\$0	\$38,500	\$0	\$0	\$38,500	
Bidding	\$0	\$3,850	\$0	\$0	\$3,850	
Construction	\$0	\$385,000	\$0	\$0	\$385,000	
District Labor	\$0	\$10,000	\$0	\$0	\$10,000	
TOTALS	\$0	\$442,350	\$0	\$0	\$442,350	\$442,350

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Tapia: Primary Tank Rehabilitation

Job Number: 10512 Project Manager: Dingman FY Originated: FY10-11	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

Concrete repair and the installation of a protective coating in the tanks. This project also includes the replacement of existing aluminum launders with fiberglass launders, new coatings for inlet diffusers and gate replacement.

Project Justification

Tanks are 40 years old and the concrete is degrading. Launders are delaminating and need replacement.

Design will be completed in FY13-14. The same design basis will be used for all tanks over the multiyear project.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees				\$44,379		\$44,379		
Contracts/Equipment								
District Labor				\$2,103		\$2,103		
G & A Allocations				\$2,503		\$2,503		
TOTALS				\$48,985		\$48,985	\$685,000	\$636,015

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0	\$0	\$0	
Land Acquisition	\$0	\$0	\$0	\$0	\$0	
Design	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000	
Bidding	\$3,000	\$3,000	\$3,000	\$3,000	\$12,000	
Construction	\$300,000	\$300,000	\$300,000	\$300,000	\$1,200,000	
District Labor	\$10,000	\$10,000	\$10,000	\$10,000	\$40,000	
TOTALS	\$323,000	\$323,000	\$323,000	\$323,000	\$1,292,000	\$1,340,985

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%	0.0%	0.0%		71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
0.0%	100.0%	0.0%		29%

Tapia Sluice Gate and Drive Replacement

Job Number: 10513 Project Manager: Schlageter FY Originated: FY09-10	Priority: 2 Category: Facility Improvements Program: Yes
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Scope of Work

Replaces existing gates in the tanks and channels at Tapia as well as drive mechanisms for flights and chains.

Project Justification

Many of the gates that separate channels and tanks are worn and do not work properly. The drives for the sludge collection system are over 30 years old. These items have reached their useful life and are in need of replacement.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS							\$342,000	\$342,000

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0	\$0	\$0	
Land Acquisition	\$0	\$0	\$0	\$0	\$0	
Design	\$0	\$0	\$0	\$0	\$0	
Bidding	\$0	\$0	\$0	\$0	\$0	
Construction	\$160,000	\$160,000	\$160,000	\$0	\$480,000	
District Labor	\$15,000	\$15,000	\$15,000	\$0	\$45,000	
TOTALS	\$175,000	\$175,000	\$175,000	\$0	\$525,000	\$525,000

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%	0.0%	0.0%		71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
0.0%	100.0%	0.0%		29%

Sanitation Master Plan Update

Job Number: 10515 Project Manager: Cao FY Originated: FY12-13	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

To provide an update to the 2008 Sanitation Master plan taking into account the numerous regulatory and operational changes and usage patterns since the last update.

Approximately 40% of the project is expected to be complete in FY12-13 with the balance of the work to be performed in FY13-14.

It is expected that 40% will be spent during FY12-13 and the balance will be spent in FY13-14.

Project Justification

The Sanitation Master plan update will enhance and refine the development of the Infrastructure Investment Plan (IIP) and will provide an updated overview of sanitation system needs for the Las Virgenes - Triunfo Joint Powers Authority (JPA).

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment			\$8,898	\$42,546		\$51,444		
District Labor			\$1,951	\$2,649		\$4,600		
G & A Allocations			\$2,957	\$3,499		\$6,456		
TOTALS			\$13,805	\$48,694		\$62,500	\$62,500	\$0

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0		\$0	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	\$0	\$0	\$0		\$0	
Bidding	\$0	\$0	\$0		\$0	
Construction	\$0	\$0	\$0		\$0	
District Labor	\$0	\$0	\$0		\$0	
TOTALS	\$0	\$0	\$0		\$0	\$62,500

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Recycled Water Master Plan

Job Number: 10516 Project Manager: Cao FY Originated: FY12-13	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

To provide update to the 2007 Recycled Water Master Plan taking into account the changes in recycled water demand as well as regulatory changes impacting the future expansion of the recycled water system.

It is expected that 40% will be spent during FY12-13 and the balance will be spent in FY13-14.

Project Justification

The Recycled Water Master Plan update will provide an updated basis for the projects and programs identified in the Infrastructure Investment Plan (IIP) and will provide a current overview of recycled water program needs for the JPA.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment			\$7,872	\$39,500		\$47,372		
District Labor			\$1,951	\$5,356		\$7,307		
G & A Allocations			\$3,008	\$4,813		\$7,821		
TOTALS			\$12,831	\$49,669		\$62,500	\$62,500	\$0

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0		\$0	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	\$0	\$0	\$0		\$0	
Bidding	\$0	\$0	\$0		\$0	
Construction	\$0	\$0	\$0		\$0	
District Labor	\$0	\$0	\$0		\$0	
TOTALS	\$0	\$0	\$0		\$0	\$62,500

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
		100.0%		29%

SCADA System Communication Upgrades

Job Number: 10520 Project Manager: McIntyre FY Originated: FY12-13	Priority: 2 Category: Business Improvements Program: No
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Scope of Work

Migration of the existing communication system from a serial radio network to an Ethernet based radio network. Provide redundant data paths for uninterrupted communication. Eliminate need to rely on telephone company equipment.

Project Justification

The existing system is now limited in speed, bandwidth and flexibility. The system is also past its peak communication bandwidth and expected life-span. Upgrading will dramatically increase the bandwidth of the system allowing the use of security cameras, voice over IP (VOIP) phone and certain types of smart sensors.

The upgrades will reduce dependency on telephone company equipment and will help reduce time spent coordinating repairs with outside vendors.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees			\$6,239			\$6,239		
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS			\$6,239			\$6,239	\$93,100	\$86,861

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0		\$0	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	\$0	\$0	\$0		\$0	
Bidding	\$249	\$437	\$285		\$971	
Construction	\$28,600	\$50,700	\$33,000		\$112,300	
District Labor	\$5,000	\$5,000	\$5,000		\$15,000	
TOTALS	\$33,849	\$56,137	\$38,285		\$128,271	\$134,510

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction		RW Conservation	LVMWD
				71%
P/W Replacement	Sanitation Replacement		RW Replacement	TSD
	100.0%			29%

ITEM 5B

Reservoir #2 Improvements (Lining Cover)

Job Number: 10522 Project Manager: Dingman FY Originated: FY12-13	Priority: 1 Category: Regulatory Compliance Program: No
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Scope of Work

A study was completed in 2013 to define the scope of work. The scope includes lining the earthen sides and covering the water surface of recycled water reservoir #2 with shade balls. The bottom of the reservoir is currently concrete.

Project Justification

Reservoir #2 provides source water to the recycled water distribution system. In the 2010 NPDES permit, the RWQCB required sampling for discharge to the L.A. River (005) to take place in the recycled water distribution system after reservoir #2.

Because the sides are earthen and the reservoir is not covered, turbidity at the 005 sampling site has been high. Covering and lining the reservoir will be used as a means to alleviate this problem.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees			\$36,683	\$5,326		\$42,010		
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS			\$36,683	\$5,326		\$42,010	\$50,000	\$7,990

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0		\$0	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	\$0	\$0	\$0		\$0	
Bidding	\$15,000	\$0	\$0		\$15,000	
Construction	?	\$0	\$0		\$1,500,000	
District Labor	\$50,000	\$0	\$0		\$50,000	
TOTALS	\$1,565,000	\$0	\$0		\$1,565,000	\$1,607,010

APPROPRIATION REQUEST: \$1,557,010

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
		100.0%		29%

Rancho Solar Project

Job Number: 10534 Project Manager: Zhao FY Originated: FY09-10	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

Staff time associated in obtaining a PPA agreement for solar electrical generation at Rancho to feed power consumption at RWPS and perform CEQA mitigation.

Construction budget of \$50,000 provides funding for expenses related to mitigation measures required by CEQA.

Project Justification

To provide renewable energy that also makes financial sense to power RWPS.

Project anticipated to be completed in FY 2013-2014.

Expenditure in FY 2013-2014 included refundable deposit to SCE for a California Solar Initiative grant. Refund is expected in FY 2014-2015.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees			\$38,750	\$16,843		\$55,592		
Contracts/Equipment			\$2,500			\$2,500		
District Labor			\$590	\$10,607		\$11,197		
G & A Allocations			\$775	\$15,715		\$16,490		
TOTALS			\$42,615	\$43,165		\$85,780	\$70,000	-\$15,780

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0		\$0	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	-\$20,000	\$0	\$0		-\$20,000	
Bidding	\$0	\$0	\$0		\$0	
Construction	\$0	\$0	\$0		\$0	
District Labor	\$0	\$0	\$0		\$0	
TOTALS	-\$20,000	\$0	\$0		-\$20,000	\$65,780

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%	0.0%	0.0%		71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
0.0%	100.0%	0.0%		29%

Agoura Road Recycled Water Main - Ladyface to Cornell Road

Job Number: 10536 Project Manager: Schlageter FY Originated: FY13-14	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

To construct 5,000 feet of 8" PVC recycled water main extension along Agoura Road to Ladyface Drive to Cornell Road.

Project Justification

The City of Agoura Hills is widening Agoura Road from Cornell to Ladyface Road. The construction of the RW water main along with the Agoura road widening provide significant construction savings for the RW water main construction.

The extension will provide recycled water to business parks, the shopping center at Kanan and Agoura Road, and the shopping center at Cornell and Agoura Road and the planned Agoura Village Center.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees			\$7,188	\$71,112		\$78,300		
Contracts/Equipment				\$498		\$498		
District Labor			\$2,189	\$8,920		\$11,109		
G & A Allocations			\$3,388	\$10,306		\$13,694		
TOTALS			\$12,765	\$90,836		\$103,601	\$100,000	-\$3,601

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0			\$0	
Land Acquisition	\$0	\$0			\$0	
Design	\$0	\$0			\$0	
Bidding	\$0	\$0			\$0	
Construction	\$300,000	\$624,000			\$924,000	
District Labor	\$20,000	\$40,000			\$60,000	
TOTALS	\$320,000	\$664,000			\$984,000	\$1,087,601

APPROPRIATION REQUEST: \$323,601

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
		100.0%		29%

Raw Sludge Wet Well Mixing Improvements

Job Number: 10537 Project Manager: Johnson FY Originated: FY12-13	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

Replace the existing centrifugal mixing pump with a pump that is more appropriate for sludge mixing.

Project Justification

The existing centrifugal mixing pump is not able to convey enough flow to properly mix the raw sludge in the wet wells which results in the settlement of heavier solids to the bottom of the tank. The collection of settled solids reduces tank capacity.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS							\$100,000	\$100,000

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0		\$0	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	\$25,000	\$0	\$0		\$25,000	
Bidding	\$0	\$0	\$0		\$0	
Construction	\$74,000	\$0	\$0		\$74,000	
District Labor	\$1,000	\$0	\$0		\$1,000	
TOTALS	\$100,000	\$0	\$0		\$100,000	\$100,000

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Tapia Channel Mixing Improvements

Job Number: 10538 Project Manager: Dingman FY Originated: FY12-13	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

Replace the air piping and drop legs in the channels at Tapia.

Project Justification

The channel mixing system at Tapia was identified by the Tapia Process Air Study as needing replacement. The existing system is worn and not mixing the channel efficiently.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees				\$48,205		\$48,205		
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS				\$48,205		\$48,205	\$454,000	\$405,795

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0		\$0	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	\$0	\$0	\$0		\$0	
Bidding	\$0	\$0	\$0		\$0	
Construction	\$400,000	\$0	\$0		\$400,000	
District Labor	\$10,000	\$0	\$0		\$10,000	
TOTALS	\$410,000	\$0	\$0		\$410,000	\$458,205

APPROPRIATION REQUEST: \$4,205

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Lost Hill Overpass Recycled Water Main Relocation

Job Number: 10540 Project Manager: Zhao FY Originated: FY13-14	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

Relocate the existing 10" recycled water pipeline in the Lost Hills overpass to the new overpass that will under construction beginning December 2014 (FY 2014-15).

Project Justification

The existing line must be relocated due to the demolition of the existing Lost Hills overpass. The existing 10" line runs through the overpass.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees				\$45,826		\$45,826		
Contracts/Equipment								
District Labor				\$1,899		\$1,899		
G & A Allocations				\$3,019		\$3,019		
TOTALS				\$50,744		\$50,744	\$355,000	\$304,256

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0		\$0	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	\$0	\$0	\$0		\$0	
Bidding	\$3,000	\$0	\$0		\$3,000	
Construction	\$300,000	\$0	\$0		\$300,000	
District Labor	\$10,000	\$0	\$0		\$10,000	
TOTALS	\$313,000	\$0	\$0		\$313,000	\$363,744

APPROPRIATION REQUEST: \$8,744

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
		100.0%		29%

ITEM 5B

Centrate Tank Cathodic Protection (CP) System Replacement

Job Number: 10544 Project Manager: Cao FY Originated: FY13-14	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

Construction of impressed current cathodic protection system for centrate treatment and storage tanks at the Rancho Las Virgenes Compost Facility.

Project Justification

The original cathodic protection (CP) system for the centrate tank failed and no longer prevents corrosion control for the centrate tank at Rancho.

The existing CP system failed over time and the district's consultant recommends replacement with a new CP system to effectuate the ongoing protection of the tank.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor				\$8,773		\$8,773		
G & A Allocations				\$10,164		\$10,164		
TOTALS				\$18,937		\$18,937	\$110,000	\$91,063

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0				\$0	
Land Acquisition	\$0				\$0	
Design	\$0				\$0	
Bidding	\$0				\$0	
Construction	\$120,000				\$120,000	
District Labor	\$5,000				\$5,000	
TOTALS	\$125,000				\$125,000	\$143,937

APPROPRIATION REQUEST: \$33,937

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

ITEM 5B

Rancho Las Virgenes Compost Facility Agitator Control Upgrade

Job Number: 10549 Project Manager: Korkosz FY Originated: FY13-14	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

During the FY11-12 shutdown of the Rancho Compost Facility (Rancho) repairs were made to the agitator #1 control system. This project will implement a similar upgrade to to the agitator #2 control system.

Project Justification

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment				\$13,564		\$13,564		
District Labor								
G & A Allocations								
TOTALS				\$13,564		\$13,564	\$14,000	\$436

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0		\$0	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	\$0	\$0	\$0		\$0	
Bidding	\$0	\$0	\$0		\$0	
Construction	\$12,000	\$0	\$0		\$12,000	
District Labor	\$2,000	\$0	\$0		\$2,000	
TOTALS	\$14,000	\$0	\$0		\$14,000	\$27,564

APPROPRIATION REQUEST: \$13,564

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction		RW Conservation	LVMWD
				71%
P/W Replacement	Sanitation Replacement		RW Replacement	TSD
	100.0%			29%

Centrate System - New Pump Impellers

Job Number: 10551 Project Manager: Johnson FY Originated: FY13-14	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

Upgrade centrate system pump impellers to handle solids in the system.

Project Justification

The current pump system will not handle solids from the Tapia Water Reclamation Facility (Tapia). The new impellers will handle solids coming from Tapia.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS							\$35,000	\$35,000

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0		\$0	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	\$0	\$0	\$0		\$0	
Bidding	\$0	\$0	\$0		\$0	
Construction	\$35,000	\$0	\$0		\$35,000	
District Labor	\$0	\$0	\$0		\$0	
TOTALS	\$35,000	\$0	\$0		\$35,000	\$35,000

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Manhole Rehabilitation, F2/F3 Line

Job Number: 80720 Project Manager: Schlageter FY Originated: FY01-02	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

The F2/F3 Sewer Rehabilitation Study identified priority 1 and 2 manholes needing repair. Work on priority 1 manholes was completed. Priority 2 manholes will be addressed in FY15-16.

Project Justification

Project will maintain integrity of trunk sewer system.

Fiscal Year 2014-2015 Planning funds are for the inspection of manholes.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$15,000	\$29,500	\$0	\$0	\$44,500	
Land Acquisition	\$0	\$0	\$0	\$0	\$0	
Design	\$0	\$59,000	\$0	\$0	\$59,000	
Bidding	\$0	\$0	\$0	\$0	\$0	
Construction	\$0	\$193,000	\$193,000	\$194,000	\$580,000	
District Labor	\$0	\$10,000	\$10,000	\$10,000	\$30,000	
TOTALS	\$15,000	\$291,500	\$203,000	\$204,000	\$713,500	\$713,500

APPROPRIATION REQUEST: \$15,000

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%	0.0%	0.0%		40%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
0.0%	100.0%	0.0%		60%

Rancho: Rehabilitate Existing Centrate Line

Job Number: 80742 Project Manager: Schlageter FY Originated: FY10-11	Priority: 2 Category: Capacity/Supply Program: No
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Scope of Work

Provide mechanical and/or chemical cleaning of minerals from the existing centrate line.

No planning is needed due to the availability of existing documentation.

Project Justification

A large amount of mineral deposits have accumulated in the centrate line between the dewatering facility and the centrate treatment tanks.

Rehabilitation of the centrate treatment line is possible because of the availability of the existing bypass treatment line.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0			\$0	
Land Acquisition	\$0	\$0			\$0	
Design	\$14,900	\$0			\$14,900	
Bidding	\$1,490	\$0			\$1,490	
Construction	\$149,000	\$0	\$0		\$149,000	
District Labor	\$10,000	\$0			\$10,000	
TOTALS	\$175,390	\$0	\$0		\$175,390	\$175,390

APPROPRIATION REQUEST: \$175,390

Fund: % of Project Allocated by JPA Partner:

P/W Construction 0.0%	Sanitation Construction 0.0%	RW Conservation 0.0%	LVMWD 71%
P/W Replacement 0.0%	Sanitation Replacement 100.0%	RW Replacement 0.0%	TSD 29%

Rancho: Replace Agitators

Job Number: 80748 Project Manager: Dingman FY Originated: FY10-11	Priority: 3 Category: Capacity/Supply Program: No
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Scope of Work

Purchase new compost agitators to replace the existing ones.

Project Justification

The existing agitators are approaching the end of their service life will need to be replaced. The original agitators had a seven year life as they were placed in service in 1994 and replaced in 2001-2002.

The existing agitators are approaching the end of their service life. An aggressive maintenance schedule has increased the service life of these agitators.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0		\$0	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	\$0	\$0	\$0		\$0	
Bidding	\$0	\$0	\$0		\$0	
Construction	\$0	\$0	\$1,000,000		\$1,000,000	
District Labor	\$0	\$0	\$20,000		\$20,000	
TOTALS	\$0	\$0	\$1,020,000		\$1,020,000	\$1,020,000

APPROPRIATION REQUEST: \$0

Fund: % of Project Allocated by JPA Partner:

P/W Construction 0.0%	Sanitation Construction 0.0%	RW Conservation 0.0%	LVMWD 71%
P/W Replacement 0.0%	Sanitation Replacement 100.0%	RW Replacement 0.0%	TSD 29%

NPDES Permit Renewal

Job Number: 99901 Project Manager: Dingman FY Originated: FY12-13	Priority: 2 Category: Regulatory Compliance Program: No
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Scope of Work

This project provides funding for assistance from outside sources related to the National Pollution Discharge Elimination System (NPDES) Permit renewal for Tapia.

Project Justification

Experts from outside the Las Virgenes - Triunfo Joint Powers Authority (JPA) will be needed to help with the legal and environmental issues involved in NPDES permit renewal.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$25,000	\$0	\$0	\$0	\$25,000	
Land Acquisition	\$0	\$0	\$0	\$0	\$0	
Design	\$0	\$0	\$0	\$0	\$0	
Bidding	\$0	\$0	\$0	\$0	\$0	
Construction	\$0	\$0	\$0	\$0	\$0	
District Labor	\$0	\$0	\$0	\$0	\$0	
TOTALS	\$25,000	\$0	\$0	\$0	\$25,000	\$25,000

APPROPRIATION REQUEST: \$25,000

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Process Air Improvements

Job Number: 99910 Project Manager: Dingman FY Originated: FY12-13	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

This is a two phase project. The first phase is to replace the existing Roots blowers with new, high efficiency, single stage blowers.

Phase 2 is to replace the air diffusers in the aeration basins with new full floor mounted fine bubble diffusers.

Project Justification

The Tapia Process Air Study was completed in 2012 and showed that an annual energy savings \$184,000 could be achieved by implementing these improvements.

Additionally, aging infrastructure will be replaced and plant reliability will improve with the implementation of this program.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$66,000	\$69,000	\$135,000	
Land Acquisition	\$0	\$0	\$0	\$0	\$0	
Design	\$0	\$0	\$132,000	\$138,000	\$270,000	
Bidding	\$0	\$0	\$13,200	\$13,800	\$27,000	
Construction	\$0	\$0	\$1,320,000	\$1,380,000	\$2,700,000	
District Labor	\$0	\$0	\$50,000	\$50,000	\$100,000	
TOTALS	\$0	\$0	\$1,581,200	\$1,650,800	\$3,232,000	\$3,232,000

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction		RW Conservation	LVMWD
		20.0%		71%
P/W Replacement	Sanitation Replacement		RW Replacement	TSD
		80.0%		29%

ITEM 5B

Rancho Las Virgenes: FOG Receiving Facilities

Job Number: 99911 Project Manager: Dingman FY Originated: FY12-13	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

FOG: To conduct a study to determine the market for local high strength wastes (food waste, fats, oils, and grease (FOG)) that can be fed into the third digester. After completion of the study, the installation of facilities for receiving and conveying fats, oils, and grease (FOG) and food waste into the newly constructed third digester.

Project Justification

FOG: The FOG introduced into the new digester is expected to increase the amount of gas generated and to reduce the amount of sludge produced while reducing odor potential. The gas can be used to create energy through co-generation facilities.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$25,000	\$10,000	\$35,000	
Land Acquisition	\$0	\$0	\$0	\$0	\$0	
Design	\$0	\$0	\$0	\$60,000	\$60,000	
Bidding	\$0	\$0	\$0	\$6,000	\$6,000	
Construction	\$0	\$0	\$0	\$600,000	\$600,000	
District Labor	\$0	\$0	\$0	\$20,000	\$20,000	
TOTALS	\$0	\$0	\$25,000	\$696,000	\$721,000	\$721,000

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
	20.0%			71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	80.0%			29%

ITEM 5B

Rancho Las Virgenes Sludge Thickening

Job Number: 99926 Project Manager: Dingman FY Originated: FY13-14	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

Installation of a thickening centrifuge or rotary drum at Rancho to increase the solids percentage of raw sludge before it is fed to the digestors.

Project Justification

This project will thicken the sludge before it is fed to the digestors which would provide an increase in capacity.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning				\$25,000	\$25,000	
Land Acquisition				\$0	\$0	
Design				\$50,000	\$50,000	
Bidding				\$5,000	\$5,000	
Construction				\$500,000	\$500,000	
District Labor				\$20,000	\$20,000	
TOTALS				\$600,000	\$600,000	\$600,000

APPROPRIATION REQUEST:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

ITEM 5B

Tapia Structural Repairs

Job Number: 99927 Project Manager: Dingman FY Originated: FY13-14	Priority: 1 Category: Facility Improvements Program:
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Scope of Work

Repair the foundation of the RAS pump station, including modifications to sub-grade to address settling. Flex coupling are also to be added to relieve pipe strain.

Project Justification

The RAS pump station has differentially settled from surrounding structures. This places strain on the piping which transverses the structures as well as the pump cans and needs to be repaired.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0				\$0	
Land Acquisition	\$0				\$0	
Design	\$10,000				\$10,000	
Bidding	\$1,500				\$1,500	
Construction	\$30,000				\$30,000	
District Labor	\$5,000				\$5,000	
TOTALS	\$46,500				\$46,500	\$46,500

APPROPRIATION REQUEST: \$46,500

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

ITEM 5B

Tapia Primary Flow Diversion

Job Number: 99928 Project Manager: Dingman FY Originated: FY13-14	Priority: 1 Category: Regulatory Compliance Program: No
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Scope of Work

Installation of permanent piping to convey primary effluent to RAS re-aeration basins.

Project Justification

This project would divert up to 1 MGD of primary effluent to the RAS re-aeration basins to promote nitrogen reduction for permit compliance.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning		\$0			\$0	
Land Acquisition		\$0			\$0	
Design		\$40,000			\$40,000	
Bidding		\$4,000			\$4,000	
Construction		\$400,000			\$400,000	
District Labor		\$10,000			\$10,000	
TOTALS		\$454,000			\$454,000	\$454,000

APPROPRIATION REQUEST:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

ITEM 5B

Tapia Supplemental Carbon Study

Job Number: 99929 Project Manager: Dingman FY Originated: FY13-14	Priority: 2 Category: Regulatory Compliance Program: No
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Scope of Work

Study available supplemental carbon sources to improve biological performance at Tapia.

Project Justification

Tapia has low carbon (or food) in the influent to promote biological activity. The biological denitrification process is driven by high levels of carbon, so additional carbon sources need to be explored.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$80,000				\$80,000	
Land Acquisition	\$0				\$0	
Design	\$0				\$0	
Bidding	\$0				\$0	
Construction	\$0				\$0	
District Labor	\$5,000				\$5,000	
TOTALS	\$85,000				\$85,000	\$85,000

APPROPRIATION REQUEST: \$85,000

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Rancho Las Virgenes Aerated Static Pile Pilot Study

Job Number: 99930 Project Manager: Dingman FY Originated: FY13-14	Priority: 3 Category: Business Improvements Program: No
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Scope of Work

Perform a pilot study using Gore cover over the compost pile so that it is aerated static composting rather than the daily agitated composting.

Project Justification

The use of the Gore cover would allow static pile composting and prevent the production of ammonia that is currently generated with the IPS composting system. The pilot study allows an evaluation of air demand and gas generation under static pile conditions and does not require an agitator.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning		\$1,500			\$1,500	
Land Acquisition						
Design		\$3,000			\$3,000	
Bidding		\$300			\$300	
Construction		\$30,000			\$30,000	
District Labor		\$5,000			\$5,000	
TOTALS		\$39,800			\$39,800	\$39,800

APPROPRIATION REQUEST:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

ITEM 5B

Centrate Equalization Tank

Job Number: 99932 Project Manager: Dingman FY Originated: FY13-14	Priority: 2 Category: Regulatory Compliance Program: No
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Scope of Work

Construct a centrate equalization tank at the centrate treatment facility.

Project Justification

Currently, there are two centrate treatment reactor tanks which are operated as batch reactors. When one tank needs to be taken out of service, the remaining tank cannot be used as a batch reactor because of centrate feed from Rancho. A new equalization tank would be used to store centrate generated at Rancho and feed it to the centrate reactors.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$37,500	\$0			\$37,500	
Land Acquisition	\$0	\$0			\$0	
Design	\$75,000	\$0			\$75,000	
Bidding	\$7,500	\$0			\$7,500	
Construction	\$750,000	\$0			\$750,000	
District Labor	\$20,000	\$0			\$20,000	
TOTALS	\$890,000	\$0			\$890,000	\$890,000

APPROPRIATION REQUEST: \$890,000

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Tapia BNR Improvements

Job Number: 99933 Project Manager: Dingman FY Originated: FY13-14	Priority: 2 Category: Regulatory Compliance Program: No
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Scope of Work

Modify aeration basins at Tapia to increase aerobic zones and install baffles to prevent oxygen migration into anoxic zones. Install drop structures and provisions for supplemental carbon addition.

Project Justification

Process modeling has shown that more aerobic zone volume is necessary to nitrify the wastewater. The aerobic zone can be increased by adding aeration to the anoxic zone. The smaller anoxic zone can be compensated by adding supplemental carbon to increase denitrification efficiency.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning		\$60,000			\$60,000	
Land Acquisition		\$0			\$0	
Design		\$120,000			\$120,000	
Bidding		\$12,000			\$12,000	
Construction		\$1,200,000			\$1,200,000	
District Labor		\$50,000			\$50,000	
TOTALS		\$1,442,000			\$1,442,000	\$1,442,000

APPROPRIATION REQUEST:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

ITEM 5B

Rancho Las Virgenes Digester Cleaning and Repair

Job Number: 99934 Project Manager: Dingman FY Originated: FY13-14	Priority: 1 Category: Facility Improvements Program: No
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Scope of Work

To clean out and evaluate the condition of existing digesters # 1 and #2. The full scope of repairs is unknown at this time but could include coatings ,concrete patching, pipe and valve repairs, removal of the steam lances, and repairs to hatches and seals.

Project Justification

The digesters have not been taken off line for cleaning in their 20 years of service. It is recommended that digesters are cleaned every 10 years. With the completion of the third digester project in 2014, there will be enough digester capacity for the existing digesters to be cleaned and repaired.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0	\$0	\$0	
Land Acquisition	\$0	\$0	\$0	\$0	\$0	
Design	\$25,000	\$25,000	\$0	\$0	\$50,000	
Bidding	\$2,500	\$2,500	\$0	\$0	\$5,000	
Construction	\$250,000	\$250,000	\$0	\$0	\$500,000	
District Labor	\$10,000	\$10,000	\$0	\$0	\$20,000	
TOTALS	\$287,500	\$287,500	\$0	\$0	\$575,000	\$575,000

APPROPRIATION REQUEST: \$287,500

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

ITEM 5B

Tapia Alternative Disinfection Safety Improvements

Job Number: 99935 Project Manager: Dingman FY Originated: FY13-14	Priority: 1 Category: Facility Improvements Program: No
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Scope of Work

This project includes the installation of a canopy over the ammonia pumps and electrical control panels, handrails along the sidewalk and the installation of a toxic gas detector to detect ammonia gas leaks.

Project Justification

After completion of the Tapia Alternative Disinfection Project there were some safety issues that needed to be addressed. A canopy is needed because the electrical equipment and pumps should be protected from sunlight as UV radiation can cause damage to components. Handrails need to be installed along the concrete walkway to prevent a fall and the toxic gas sensor is necessary to provide a warning if there is an ammonia gas leak.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0				\$0	
Land Acquisition	\$0				\$0	
Design	\$5,000				\$5,000	
Bidding	\$750				\$750	
Construction	\$75,000				\$75,000	
District Labor	\$5,000				\$5,000	
TOTALS	\$85,750				\$85,750	\$85,750

APPROPRIATION REQUEST: \$85,750

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

ITEM 5B

Programmable Logic Controller Upgrades

Job Number: 99936 Project Manager: Dingman FY Originated: FY13-14	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

This project replaces programmable logic controllers (PLC's) with newer PLCs and provides necessary equipment upgrades (fiber optics, network switches and programming) to complete the installation. This is a program project which addresses Tapia in the first three years and centrate treatment in the fourth year. Design will occur in the first year for all facilities.

Project Justification

The PLC's at Tapia and centrate treatment have become obsolete and need to be replaced with new PLC's and ancillary equipment.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0	\$0	\$0	
Land Acquisition	\$0	\$0	\$0	\$0	\$0	
Design	\$55,000	\$0	\$0	\$0	\$55,000	
Bidding	\$1,500	\$1,000	\$2,600	\$250	\$5,350	
Construction	\$150,000	\$100,000	\$260,000	\$25,000	\$535,000	
District Labor	\$10,000	\$5,000	\$10,000	\$5,000	\$30,000	
TOTALS	\$216,500	\$106,000	\$272,600	\$30,250	\$625,350	\$625,350

APPROPRIATION REQUEST: \$216,500

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction		RW Conservation	LVMWD
				71%
P/W Replacement	Sanitation Replacement		RW Replacement	TSD
	100.0%			29%

ITEM 5B

Rancho Las Virgenes Composting Facility: Purchase of New Loader

Job Number: 99942 Project Manager: Dingman FY Originated: FY14-15	Priority: 3 Category: Business Improvements Program: No
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Scope of Work

Replace the existing Michigan/Volvo loader used to move amendment and compost at Rancho with a like model.

Project Justification

The existing Michigan/Volvo loader is original equipment and has been in service since 1994. It has reached the end of its useful life. Repairs are more frequent and some of the items that need repair are no longer available due to the age of the equipment.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning						
Land Acquisition						
Design						
Bidding						
Construction	\$180,000				\$180,000	
District Labor						
TOTALS	\$180,000				\$180,000	\$180,000

APPROPRIATION REQUEST: \$180,000

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Sewer Grit Handling

Job Number: 99946 Project Manager: Olney FY Originated: FY14-15	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

Plan design and build a sewer grit removal system at Tapia. This project will reduce the weigh of inorganic grit that is removed and disposed as solid waste.

Project Justification

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$5,000				\$5,000	
Land Acquisition						
Design	\$5,000				\$5,000	
Bidding						
Construction	\$40,000				\$40,000	
District Labor						
TOTALS	\$50,000				\$50,000	\$50,000

APPROPRIATION REQUEST: \$50,000

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

ITEM 5B

Rancho Facility Improvements

Job Number: 99947 Project Manager: Johnson FY Originated: FY14-15	Priority: 3 Category: Facility Improvements Program: No
--	--

Scope of Work

Replace and repair significant components of the JPA's Rancho Las Virgenes Composting Facility.

- 1) Replacement Sump Pumps (4 @ \$8K/ea.) - \$35,000
- 2) Amendment Bin Overhaul (welding/coating) - \$50,000
- 3) Conveyor Screw Replacement (2) - \$30,000
- 4) Dewatering Compressor (1) - \$10,000

Project Justification

Damaged and worn facilities require periodic maintenance and replacement to assure ongoing operations.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$1,500	\$1,500			\$3,000	
Land Acquisition	\$0				\$0	
Design	\$1,000				\$1,000	
Bidding	\$3,500				\$3,500	
Construction	\$165,000				\$165,000	
District Labor	\$3,500				\$3,500	
TOTALS	\$174,500	\$1,500			\$176,000	\$176,000

APPROPRIATION REQUEST: \$174,500

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
		100.0%		29%

ITEM 5B

Tapia Electrical and Instrumentation Upgrades

Job Number: 99950 Project Manager: Korkosz FY Originated: FY13-14	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

- 1 - Replace obsolete and malfunctioning mechanical protective relays for generators with new solid state controls. The controls will provide better generator protection and troubleshooting capabilities (generators 1 & 2): \$75,000
- 2 - Install roots blower/motor vibration system to protect expensive motor and reduce repair cycle: \$6,000
- 3 - Roots interface upgrade: \$20,000
- 4 - Replace failing sludge force main flow meter: \$4,000
- 5 - Replace failing and inefficient facility lighting: \$25,000

Project Justification

The JPA's Tapia Water Reclamation facility represents a significant investment that is necessary for ongoing sewage treatment.

Treatment plant equipment and appurtenances are inspected and evaluated on an ongoing basis to determine the most cost effective repair/replace maintenance schedules.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$500			\$500	
Land Acquisition	\$0				\$0	
Design	\$0	\$500			\$500	
Bidding	\$0	\$2,000			\$2,000	
Construction	\$0	\$65,000	\$65,000		\$130,000	
District Labor	\$0	\$2,500	\$2,500		\$5,000	
TOTALS	\$0	\$70,500	\$67,500		\$138,000	\$138,000

APPROPRIATION REQUEST: \$0

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
		100.0%		29%

ITEM 5B

Security Upgrades - JPA

Job Number: 99953 Project Manager: Miller FY Originated: FY13-14	Priority: 3 Category: Business Improvements Program: Yes
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Scope of Work

Remote Access Control: \$10,000
 Security Cameras: \$15,000
 Lock and Key Control: \$5,000

Project Justification

Continually improve security and safety at JPA facilities through upgrades and improvements.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0	\$0	\$0		\$0	
Land Acquisition	\$0	\$0	\$0		\$0	
Design	\$0	\$0	\$0		\$0	
Bidding	\$0	\$0	\$0		\$0	
Construction	\$5,000	\$20,000	\$15,000		\$40,000	
District Labor	\$0	\$0	\$0		\$0	
TOTALS	\$5,000	\$20,000	\$15,000		\$40,000	\$40,000

APPROPRIATION REQUEST: \$5,000

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Tapia Equipment Replacement

Job Number: 99954 Project Manager: Dingman FY Originated: FY13-14	Priority: 2 Category: Business Improvements Program: No
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Scope of Work

Purchase of replacement Hach MLSS Center Zero Analysser.

Project Justification

Old equipment has exceeded its useful life.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning						
Land Acquisition						
Design						
Bidding	\$2,500				\$2,500	
Construction	\$55,000				\$55,000	
District Labor	\$750				\$750	
TOTALS	\$58,250				\$58,250	\$58,250

APPROPRIATION REQUEST: \$58,250

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Tapia Balancing Pond Sealant Replacement

Job Number: 99956 Project Manager: Dingman FY Originated: FY13-14	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

Replace approximately 1,300' of sealant in the balancing pond.

Project Justification

The sealant between expansion joints in the balancing pond at Tapia requires periodic replacement to maintain water tightness and crack resistance. The sealant was last replaced approximately ten (10) years ago.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY11-12	FY 12-13	FY 13-14	FY 14-15	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 14-15	FY 15-16	FY 16-17	FY 17-18	4-Year Total	Total Project (projected)
Planning	\$0				\$0	
Land Acquisition	\$0				\$0	
Design	\$0				\$0	
Bidding	\$500				\$500	
Construction	\$75,000				\$75,000	
District Labor	\$5,000				\$5,000	
TOTALS	\$80,500				\$80,500	\$80,500

APPROPRIATION REQUEST: \$80,500

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

ITEM 5B

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Section 4

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Planning Guidelines for Project Costs

All estimated costs for a project will be based on the estimated construction cost of the work.

To estimate Construction Costs use:

- Previous project work of similar scope and complexity
- Previous estimates for work updated and inflated by 3% compounded for each year since the estimate was prepared
- Project costs shown in the current Master Plan
- Means Estimating Guides (available in Engineering)
- Project costs shown in recent Water System Design Reports for pipelines, tanks, pump stations and the like
- Use 15% for contingency costs

To estimate Planning Costs use:

- Preliminary Design Report - 5% of Construction Cost
- Environmental Reports
 - \$10-20,000 for Neg Dec's/MND's
 - \$150,000 - 350,000 for full EIR's (depending on complexity)

Land Acquisition Costs

- Rural land use \$5,000/acre
- Urbanized land use \$50,000/acre
- For fees use 10% of acquisition cost

Design Costs

- Use 10% of Construction Cost (Assume consultants bill at \$125/hr)
- For very complex projects with numerous staff reviews use 15%

Bidding Costs

- Use 1% of Construction Cost

Other Costs related to construction

- Surveillance/inspection and administration use 6%
- Testing and other laboratory work use 2%
- District furnished equipment use vendor catalogs/pricing
- Construction Management Costs use 10% (private consultant)
- Operation and Maintenance Manual Preparation use 2%

District Labor Guidelines (includes G&A)

- Project cost \$25K to \$150Kuse \$5000
- Project cost \$150K to \$500Kuse \$10,000
- Project cost \$500K to \$1 Miluse \$20,000
- Project cost > \$1 Mil.....use \$50,000

ITEM 5B

Priority and Justification Criteria

Priority:

This identifies projects with a vocabulary of timeliness and need sensitivity. The higher priorities reflect projects that are typically driven by external needs or regulations rather than district needs. The overall CIP Program is achieved by a blend of projects in all Priorities consistent with fund availability.

1. Essential Projects
 - Required by law, regulation, or court mandate to be accomplished immediately.
 - Disaster recovery work needed to restore service
 - Emergency repairs to maintain/restore service reliability, or to resolve or correct a hazardous situation.
2. Necessary Projects
 - High need for scheduled repair, replacement, or upgrade to maintain or improve service reliability
 - Safety improvement to protect life or property
 - Improvement to protect facilities, equipment and structures
 - Cost related efficiency improvements
 - Conservation of resources
 - Water quality improvements - no regulatory requirement
 - Matching funding available (like grants)
 - Current demand related improvements
3. Desirable or Deferrable Projects
 - Routine improvements or repairs to systems
 - No direct cost benefit
 - Cosmetic improvements
 - Future demand related improvements

Justification Categories

The intent here was to group projects with similar reasons for being done or outcomes for ease of analysis of how Capital funds are being invested over time. It provides another index to analyze how the district is investing in facilities for the short and long-range future. The key question answered by this index is "Why is this project being done?"

1. Safety
2. Water Quality
3. Delivery reliability
4. Regulatory Requirements
5. System Supply or Demand
6. Business Improvements (i.e., how we enhance our business practices)
7. Facility Improvements (i.e., upgrades and enhancements in general)

Roles and Responsibilities for Project Managers

- A. Project Planning
 1. Review current CIP for continuation of existing projects
 2. Review current CIP for projects programmed for next fiscal year
 3. Update status and data for existing projects on Project Sheets
 4. Review Master Plan or other studies and reports for new projects
 5. Review operational problems which need correction with CIP project work
 6. Brainstorm with users to identify CIP requirements
 7. Review various permits issued to operate facilities for new or added CIP project requirements
 8. Review regulatory requirements for new CIP project needs to meet compliance needs
 9. Consider 'wish list' needs for CIP projects

- B. Project Development
 1. Prepare CIP Project Sheet
 2. Write/verify Project Scope
 3. Write Justification for Project
 4. Compute Project Costs
 5. Determine Program Year(s) for Project

- C. 5-Year CIP Program Preparation
 1. Verify project scope, justification, costs, program year
 2. Provide answers and feedback as necessary
 3. Participate in planning meetings

- D. CIP Program Execution
 1. Serve as single point of contact for project - assume ownership
 2. Establish schedule for work
 3. Establish significant milestones for work
 4. Establish budget for work
 5. Track/approve monthly invoices and costs of work on project
 6. Monitor progress of work, resolve issues, and keep project moving
 7. Provide quarterly status reports (consider costs, schedule, problems, slippages, etc.)
 8. Prepare necessary Board packages for review/approval of budget changes or other authorizations
 9. Provide quarterly cash flow projections
 10. Prepare project completion documents

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INFORMATION ONLY

April 7, 2014 JPA Board Meeting

TO: JPA Board of Directors

FROM: Finance & Administration

Subject: Methodology for Depreciation of JPA Fixed and Capital Assets

SUMMARY:

At the March 3, 2014 JPA Board meeting, Director Janna Orkney requested a future agenda item on the methodology for depreciating the JPA's fixed and capital assets. The discussion of depreciation arose during the review of drivers for the JPA's Fiscal Year 2014-15 Budget, specifically the wholesale recycled water rate.

Depreciation is currently a factor in calculating the JPA's wholesale recycled water rate because it is included as an expense for the wholesale recycled water system. This report provides additional information on the basis and methodology for depreciation of the JPA's capital assets.

DISCUSSION:**Generally Accepted Accounting Principles:**

The Governmental Accounting Standards Board (GASB) is an independent organization that establishes and improves standards of accounting and financial reporting for federal, state and local governments. Established in 1984 by agreement of the Financial Accounting Foundation (FAF) and 10 national associations of state and local government officials, GASB is recognized by governments, accounting industry professionals, and capital markets as the official source of generally accepted accounting principles (GAAP) for state and local governments.

Compliance with GASB's standards is enforced through the laws of individual states and through the audit process, when auditors render opinions on the fairness of financial statement presentations in conformity with GAAP.

GASB issues standards and other communications that result in decision-useful information for users of government financial reports including, for example, owners of municipal bonds, members of citizen groups, public officials, and oversight bodies. Those standards also help government officials demonstrate accountability over public resources to their constituents. Additionally, GASB works to educate the public, including financial statement preparers, auditors, and users, about its standards and the information those standards require governments to present in their financial reports.

GASB Statement No. 34:

In June 1999, GASB officially issued Statement No. 34 - *Basic Financial Statements and Management's Discussion and Analysis (MD&A) for State and Local Governments*. GASB Statement No. 34 required government entities, for the first time, to report long-term assets and liabilities (such as capital assets, including infrastructure, and general obligation debt) on their financial statements.

It became a GAAP requirement for governments to report all capital assets, including infrastructure assets, in their statements of net assets and generally report depreciation expense in their statements of activities. Depreciation expense is to be measured by allocating the net cost of depreciable assets over their estimated useful lives in a systematic and rational manner.

Estimation of Useful Lives of Capital Assets:

ITEM 1A

Depreciation may be based on the estimated useful life of a class of assets, a network of assets, a subsystem of a network, or individual assets. For estimated useful lives, governments can use: (a) general guidelines obtained from professional or industry organizations, (b) information for comparable assets of other governments, or (c) internal information. In estimating useful life, a government is to consider an asset's present condition and how long it is expected to meet service demands.

Attached for reference is a table providing the useful lives of the JPA's various fixed and capital assets. A straight-line depreciation methodology is utilized for the assets. Also attached for reference is a copy of the Government Finance Officers Association's *Best Practices - Establishing the Estimated Useful Lives of Capital Assets*.

Prepared By: Joseph Lillio, Finance Manager

ATTACHMENTS:

Useful Life of Fixed Assets

Best Practices

Useful Life of Fixed Assets

Asset Description	Useful life (months)	Useful life (years)
A. MAJOR BURIED PIPELINES		
1. Sewers, all materials	1200	100
2. Potable and recycled, all materials	900	75
B. TANKS & BUILDINGS		
1. Concrete reservoirs	600	50
2. Welded steel storage tanks (except coating)	600	50
3. Pump stations (except pumps & electrical)	600	50
4. Sanitation concrete tanks, buildings	600	50
5. Headquarters construction	600	50
6. Construction of Westlake Filtration Plant	600	50
7. Construction of Rancho Compost Plant	600	50
8. Construction of Tapia Plant	600	50
C. FACILITY PIPING, APPURTENANCES, SERVICES, ROADS		
1. Piping, valves & fittings/buried valves	420	35
2. Site work/roads/small structures	420	35
3. Potable water meter boxes, services, vaults, fire hydrants	420	35
4. Recycled water meter boxes, services, vaults, fire hydrants	420	35
D. LARGE EQUIPMENT		
1. Potable and recycled water pumps	300	25
2. Sanitation pumps, conveyors, centrifuges, large electrical	300	25
3. Sanitation control systems, electrical, chemical, grinders	300	25
4. Electrical & control facilities at pump stations & storage facilities	300	25
E. SMALL EQUIPMENT & MISCELLANEOUS		
1. Design and engineering	300	25
2. Master plans, general EIRs and studies	60	5
3. Tank coatings	180	15
4. Potable and recycled water meters	180	15
5. Special vehicles, portable generators & pumps	120	10
6. Sanitation meters, lab equipment, small	120	10

tools, radios, SCADA equipment		
7. Furniture, carpet, blinds, phones	120	10
8. Vehicles, general use	72	6
9. Shop and garage equipment	60	5
10. PCs, software, meter readers	36	3



BEST PRACTICE

Establishing the Estimated Useful Lives of Capital Assets (2002 and 2007) (CAAFR)

Background. Generally accepted accounting principles (GAAP) require, in most cases, that capital assets be depreciated. Depreciation is the systematic and rational allocation of the historical cost of a capital asset over its useful life. The estimated useful life assigned to a capital asset will directly affect the amount of depreciation expense reported each period in an accrual-based operating statement. Therefore, it is important to the quality of financial reporting that governments establish reasonable estimates of the useful lives of all of their depreciable capital assets.

Recommendation. The best source of relevant information on the estimated useful lives of a government's capital assets normally is its own past experience with similar assets. In situations where the documentation of a government's own past experience for a given type of capital asset is not adequate for this purpose, a government should profit as much as possible from the experience of other governments and private-sector enterprises. At the same time, a government should make whatever adjustments are needed to estimated useful lives that were obtained from others to ensure that such estimates are appropriate to its own particular circumstances. It is especially important that a government consider the potential effect of each of the following factors when depending on the experience of others:

- *Quality.* Similar assets may differ substantially in quality, and hence in their useful lives, because of differences in materials, design and workmanship. For example, an asphalt road will not have the same useful life as a concrete road. Likewise, the depth of the material used for paving purposes, as well as the quality of the underlying base, will also affect the useful life of a road;
- *Application.* The useful life of a given type of capital asset may vary significantly depending upon its intended use. For example, a residential street may be expected to have a longer useful life than a major arterial thoroughfare because of differences in the type and volume of traffic; and
- *Environment.* Environmental differences among governments can have an important impact on the useful lives of their respective capital assets. For instance, the useful life of a road in a climate subject to extremes in temperature is likely to be different from that of a similar road located in a more temperate climate. Also, regulatory obsolescence may shorten the service life of some capital assets used in connection with highly regulated activities (e.g., utilities).

The potential effect of each of the factors just described may be mitigated or exacerbated as a consequence of a government's maintenance and replacement policy. For example, the potential for road damage is increased in a cold environment when cracks are not promptly repaired, because water settling in the cracks will expand and contract, thereby accelerating the initial deterioration represented by the crack itself.

Once established, estimated useful lives for major categories of capital assets should be periodically compared with a government's actual experience and appropriate adjustments should be made to reflect this experience.

Depreciation is a financial reporting concept. Therefore, all of the considerations just discussed are only of concern to the extent that they could have a material impact on a government's financial statements.

Approved by the GFOA's Executive Board, March 2, 2007.

ITEM 9A

INFORMATION ONLY

April 7, 2014 JPA Board Meeting

TO: JPA Board of Directors

FROM: General Manager

Subject: Board Meeting Follow-up Items

SUMMARY:

Attached is a list of follow-up items from previous JPA Board meetings. The list provides a brief description of the various items, origination dates, and responsible managers.

Prepared By: David W. Pedersen, Administering Agent/General Manager

ATTACHMENTS:

Board Meeting Follow-up Items

BOARD MEETING FOLLOW-UP ITEMS

<u>Item No.</u>	<u>Origination Date</u>	<u>JPA or LVMWD</u>	<u>Description</u>	<u>Responsible Manager</u>
1	01/06/2013	JPA	Provide an update on changes to the State's draft Toxicity Policy.	Lippman

ITEM 9B

4/1/2014